

U. S. Department of Energy, Kansas City Plant Proposed Final Remedy for the 95th Terrace Site

The U.S. Department of Energy (DOE), Kansas City Plant is part of the Bannister Federal Complex, located east of Troost Avenue between 95th Street and Santa Fe Trail in Kansas City, Missouri. Two streams border the facility: Indian Creek to the south and Blue River to the east.

The Kansas City Plant occupies nearly 130 acres of the 300-acre federal complex. Other tenants at the federal complex are the Internal Revenue Service, the General Services Administration (GSA), the Federal Aviation Administration, and the U.S. Marine Corps.

In 1942, the U.S. Navy built an aircraft engine production plant on the site, which operated from 1943 until World War II ended in 1945. The Atomic Energy Commission (AEC), the predecessor of DOE, chose the site to build nonnuclear components for nuclear weapons. In 1949, the Bendix Corporation, now Honeywell Federal Manufacturing & Technologies, LLC, began operating the facility under a contract with the AEC. GSA warehouse operations began in the western portion of the main manufacturing building in the early 1960s. Today, the principal mission of the Kansas City Plant remains the manufacture and procurement of nonnuclear components for nuclear weapons.

The facility operated as an interim status treatment, storage, and disposal facility under the Resource Conservation and Recovery Act (RCRA). There are three closed regulated hazardous waste management units, two impoundments, and a tank farm. There are also several solid waste management units from previous activities at the site. Past activities have released hazardous waste and hazardous constituents into the soil and groundwater at the site. Cleanup activities at the facility are managed under a Missouri Hazardous Waste Management Facility Part I Permit.

The 95th Terrace Site is the only area of the facility that is not in the final remedy stage. The proposed final remedy for the 95th Terrace requires maintaining the box culvert under Bannister Road, including inspections twice a year, sampling runoff water, and possibly removing sediment. DOE will work with the Missouri Department of Transportation to place access and deed restrictions on property not owned by DOE. Inspection and maintenance of signs and the protective cage installed over the concrete chute entering Indian Creek is required. The monitoring plan includes sampling surface water and sediment for Polychlorinated Biphenyls (PCBs). Tissue from fish were sampled for PCBs in 2005, and will be done again in 2008 and 2013. The sampling data will measure environmental improvements resulting from the 95th Terrace final remedy.

For detailed information, please see the Statement of Basis for the 95th Terrace Site at www.dnr.gov/env/hwp/permits/notices.htm.